

<b>REPORT OF CHANNEL CONDITIONS</b> <b>100 TO 400 FEET WIDE</b> <i>(ER 1130-2-3165)</i>					<b>PAGE</b> 1 <b>OF</b> 1 <hr/> <b>DATE</b> August 10, 2005		
<b>TO:</b> Commander 90 (OAN) First Coast Guard District				<b>FROM:</b> U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090			
<b>RIVER/HARBOR NAME AND STATE:</b> Keyport Harbor and Matawan Creek, Federal Navigation Channels, New Jersey					<b>MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD</b>		
NAME OF CHANNEL	MAP FILE NO. SURVEY DATE	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)			
<u>KEYPORT HARBOR: Outer Reach</u> – Commence from Raritan Bay to first bend in the channel at Green Can Buoy # 7 and Red Gas Buoy # 8.	Map 79 P 1 & 2 of 3 5, 6 & 11 July 05	200	0.55	8	7.4	8.0	7.3
<u>KEYPORT HARBOR: Inner Reach</u> – Commence from first bend (Green Can Buoy # 7 and Red Gas Buoy # 8) to the end of the channel (Red Nun Buoy # 12).	Map 79 P 1 of 3 5, 6 & 11 July 05	100 – 40	0.33	8	4.8	6.5	5.2
<u>MATAWAN CREEK: Reach A</u> – Commence from end of Keyport Harbor (Red Nun Buoy # 12) to approximately 35 feet seaward of the Bridge (Amboy Road West Front).	Map 79 P 1 & 3 of 3 5, 6 & 11 July 05	100 – 40	0.53	4	3.6	4.3	3.7
<u>MATAWAN CREEK: Reach B</u> – Commence from approximately 35 feet seaward of the Bridge (Amboy Road West Front) and end just seaward of the bridge for State Highway Route 35.	Map 79 P 3 of 3 5, 6 & 11 July 05	40 – 100 – 40	0.21	4	3.9	2.9	2.0
<b>REMARKS:</b> <ul style="list-style-type: none"> <li>- All depths are in Mean Low Water (MLW).</li> <li>- Coordinates Referencing New Jersey Mercator System (NAD 1983)</li> <li>- Channel Length is in Nautical Miles</li> <li>- <u>Keyport Harbor</u>: Shoals of minimal depth exist along the channel right and left boundaries in the outer reach, commencing just landward of Green Can Buoy #5 and continuing passed Green Can and Red Can Buoys #s 7 and 8, respectively, before encompassing the entire width of the channel in the inner reach as the shoal depth increases.</li> <li>- <u>Matawan Creek</u>: A shoal with dimensions of about 400 feet in length, 80 feet in width and a minimum depth of 2.0 feet is located in Reach B approximately 280 feet landward of the Bridge (Amboy Road West Front).</li> </ul>							